

## ABSTRACT OF THE DISCLOSURE

The present invention provides a human C5a-like receptor (HCOR) and polynucleotides which identify and encode HCOR. The invention also provides genetically engineered expression vectors and host cells comprising the nucleic acid sequences encoding HCOR and a method for producing HCOR. The invention also provides agonists, antibodies, or antagonists specifically binding HCOR, and their use, in the prevention and treatment of diseases associated with expression of HCOR. Additionally, the invention provides for the use of antisense molecules to polynucleotides encoding HCOR for the treatment of diseases associated with the expression of HCOR. The invention also provides diagnostic assays which utilize the polynucleotide, or fragments or the complement thereof, and antibodies specifically binding HCOR.